

$$\hat{\tilde{\mathbf{K}}} = (\tilde{\mathbf{C}}^{\text{T}})^{-1} \tilde{\mathbf{C}}^{\text{T}} = \left(\left[\begin{array}{c} \left[\text{diagram 1} \right] \\ \left[\text{diagram 2} \right] \\ \left[\text{diagram 3} \right] \end{array} \right] \right)^{-1} \left[\begin{array}{c} \left[\text{diagram 4} \right] \\ \left[\text{diagram 5} \right] \\ \left[\text{diagram 6} \right] \end{array} \right] = \left[\begin{array}{c} \left[\text{diagram 7} \right] \\ \left[\text{diagram 8} \right] \\ \left[\text{diagram 9} \right] \end{array} \right]$$

$$\frac{C}{C_0} = 1 - \frac{C_0}{C_0 + C_0} = 0$$

Fig. 1

$$\begin{array}{ccccccc}
\hat{\mathbf{C}} & = & \mathbf{A} & \hat{\mathbf{K}}^T & \hat{\mathbf{K}} & \hat{\mathbf{K}}^T)^{-1} & \mathbf{I} \\
\left(\begin{array}{ccc} \langle c_1 & \langle c_1 & \langle c \\ \langle c_2 & \langle c_2 & \dots \langle c \\ \langle c_e & \langle c_e & \langle c_e \end{array} \right) & = & \left(\begin{array}{c} \text{[diagram of wavy lines]} \\ \text{[diagram of wavy lines]} \\ \dots \\ \text{[diagram of wavy lines]} \end{array} \right) & & \left(\begin{array}{c} \text{[diagram of wavy lines]} \\ \text{[diagram of wavy lines]} \end{array} \right) & & \left(\begin{array}{c} \text{[diagram of wavy lines]} \\ \text{[diagram of wavy lines]} \end{array} \right) & & \left(\begin{array}{c} \text{[diagram of wavy lines]} \\ \text{[diagram of wavy lines]} \end{array} \right)
\end{array}$$

Fig. 2

Spectral-Residual Augmented CLS

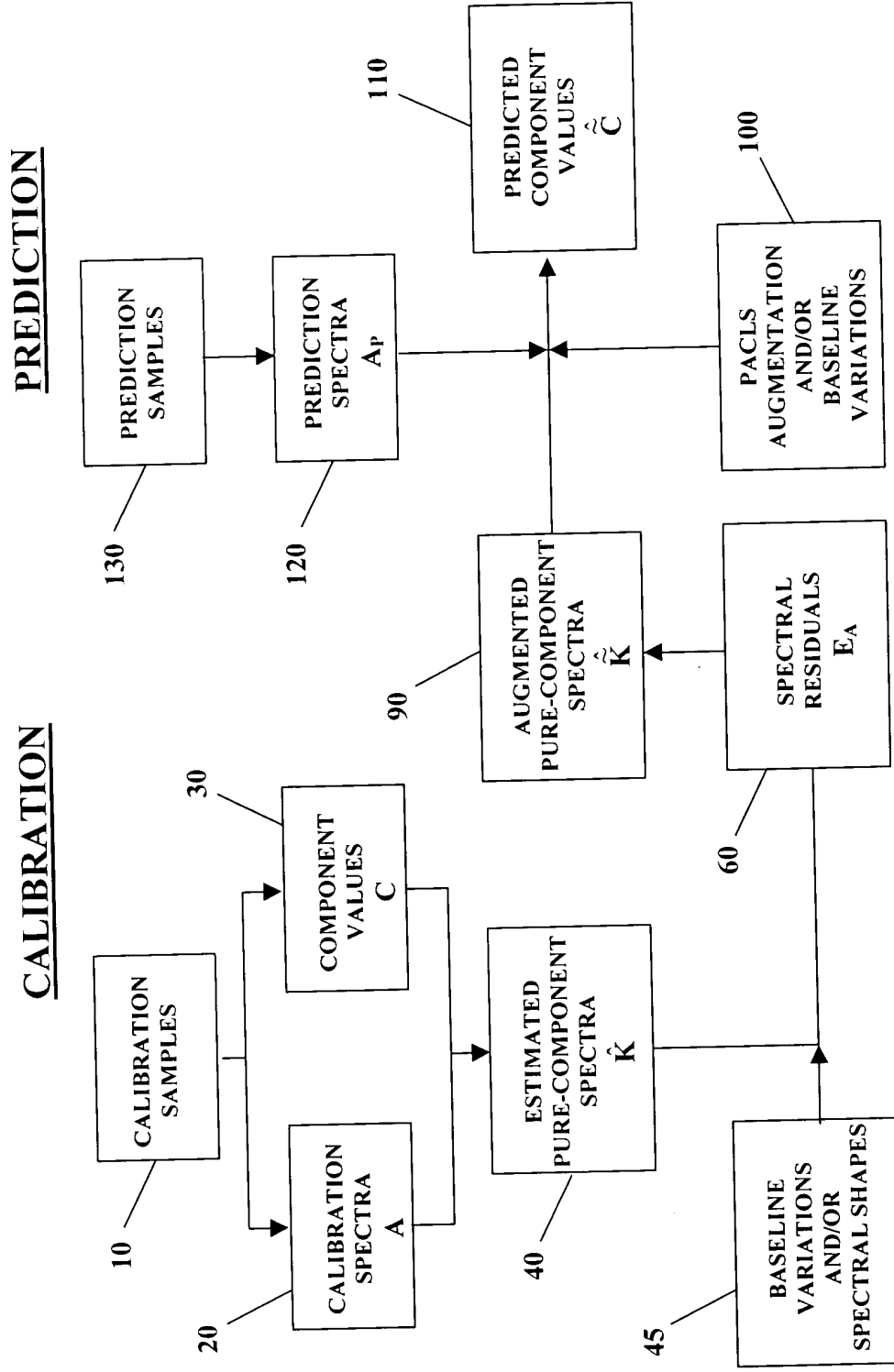


Fig. 3A

Scores Augmented CLS

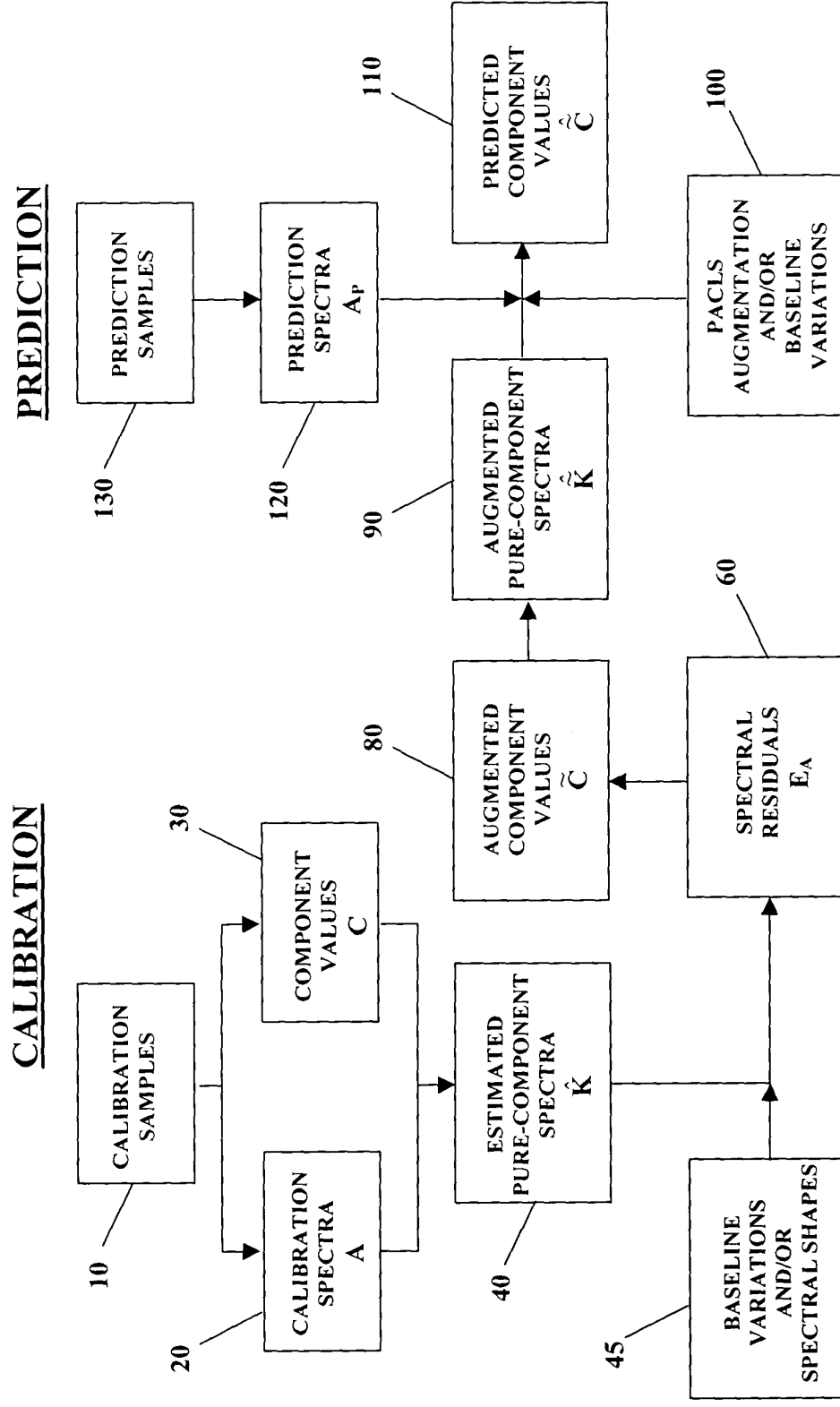


Fig. 3B

Concentration-Residual Augmented CLS

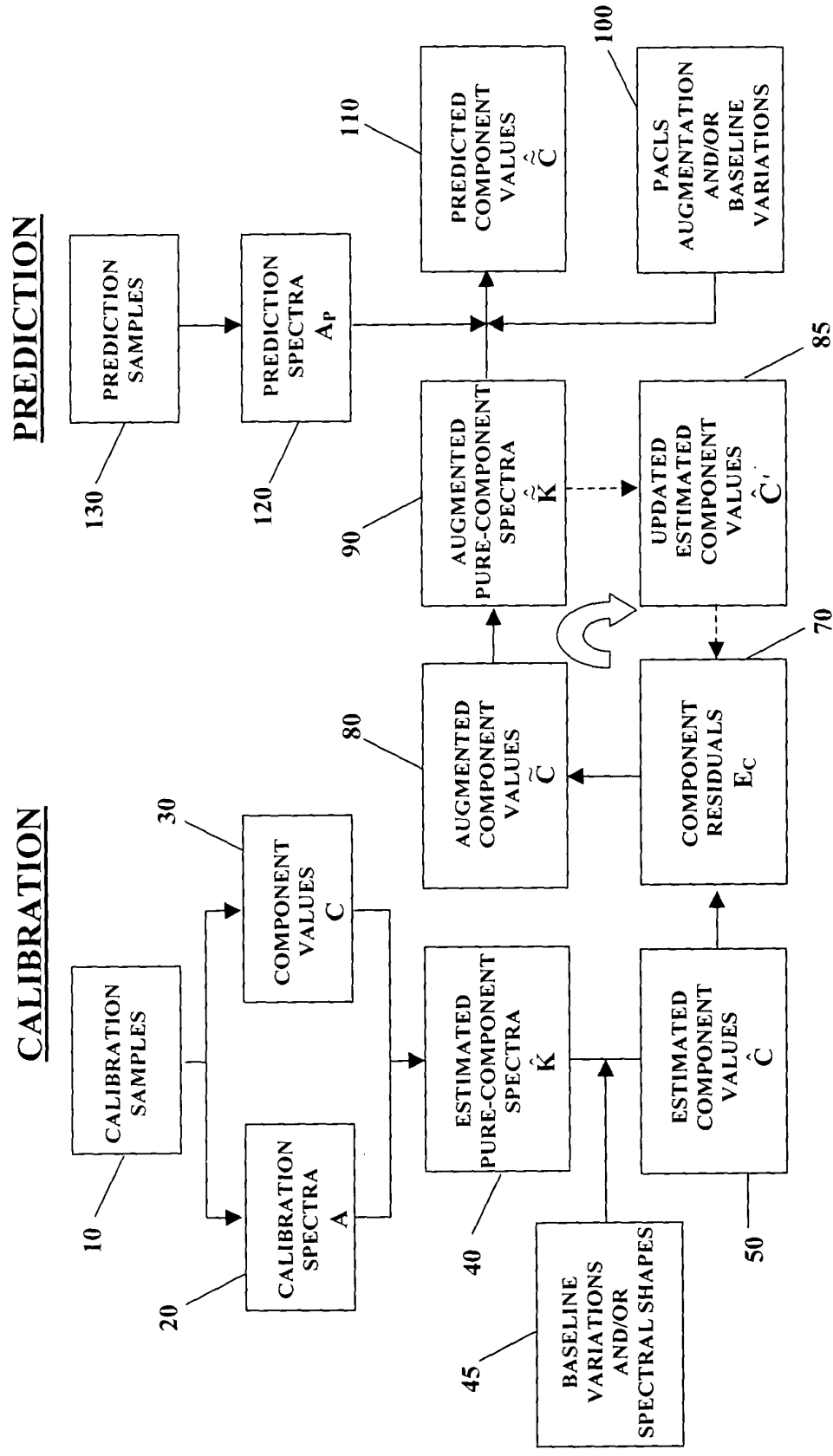


Fig. 4

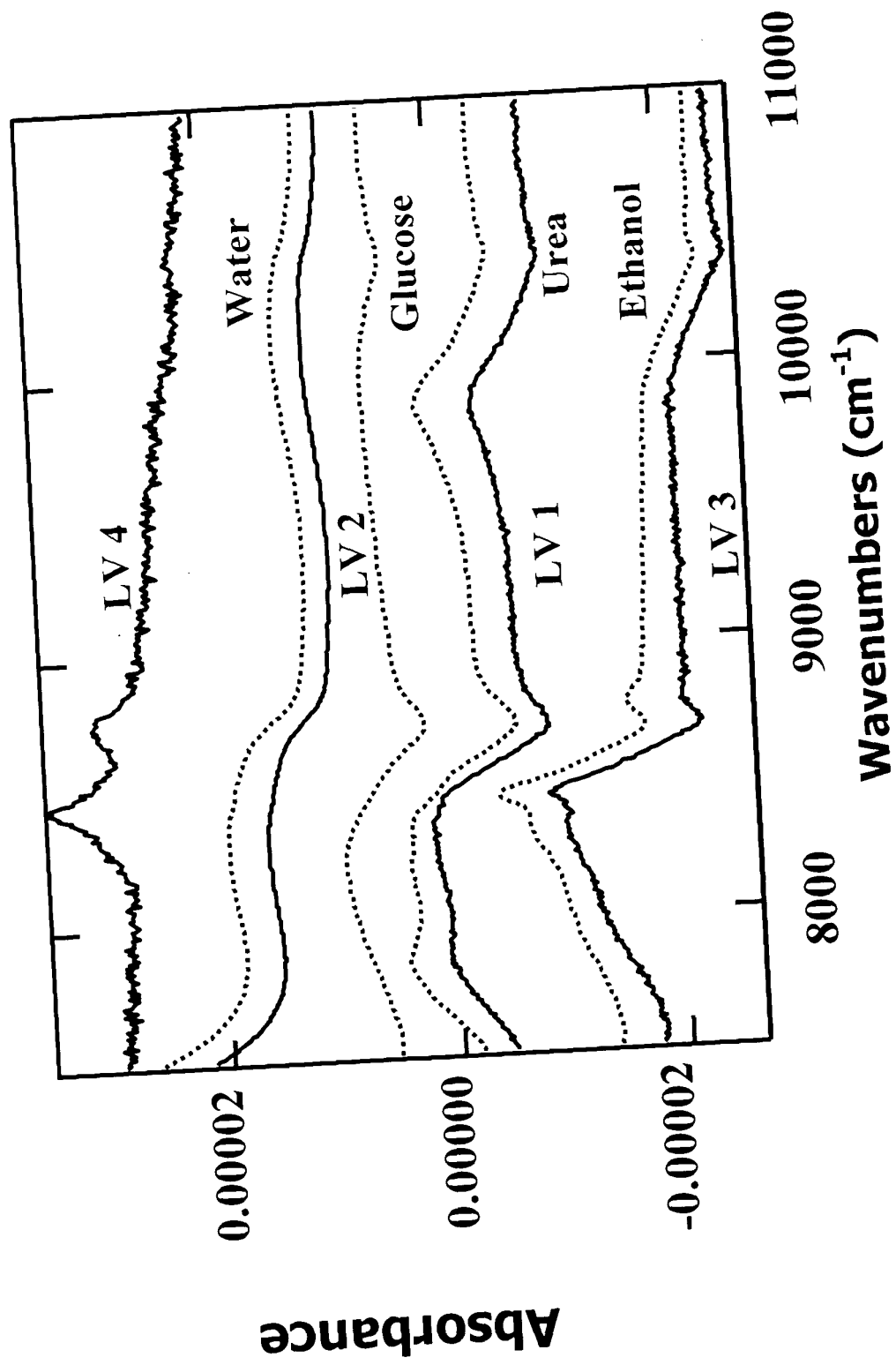


Fig. 5

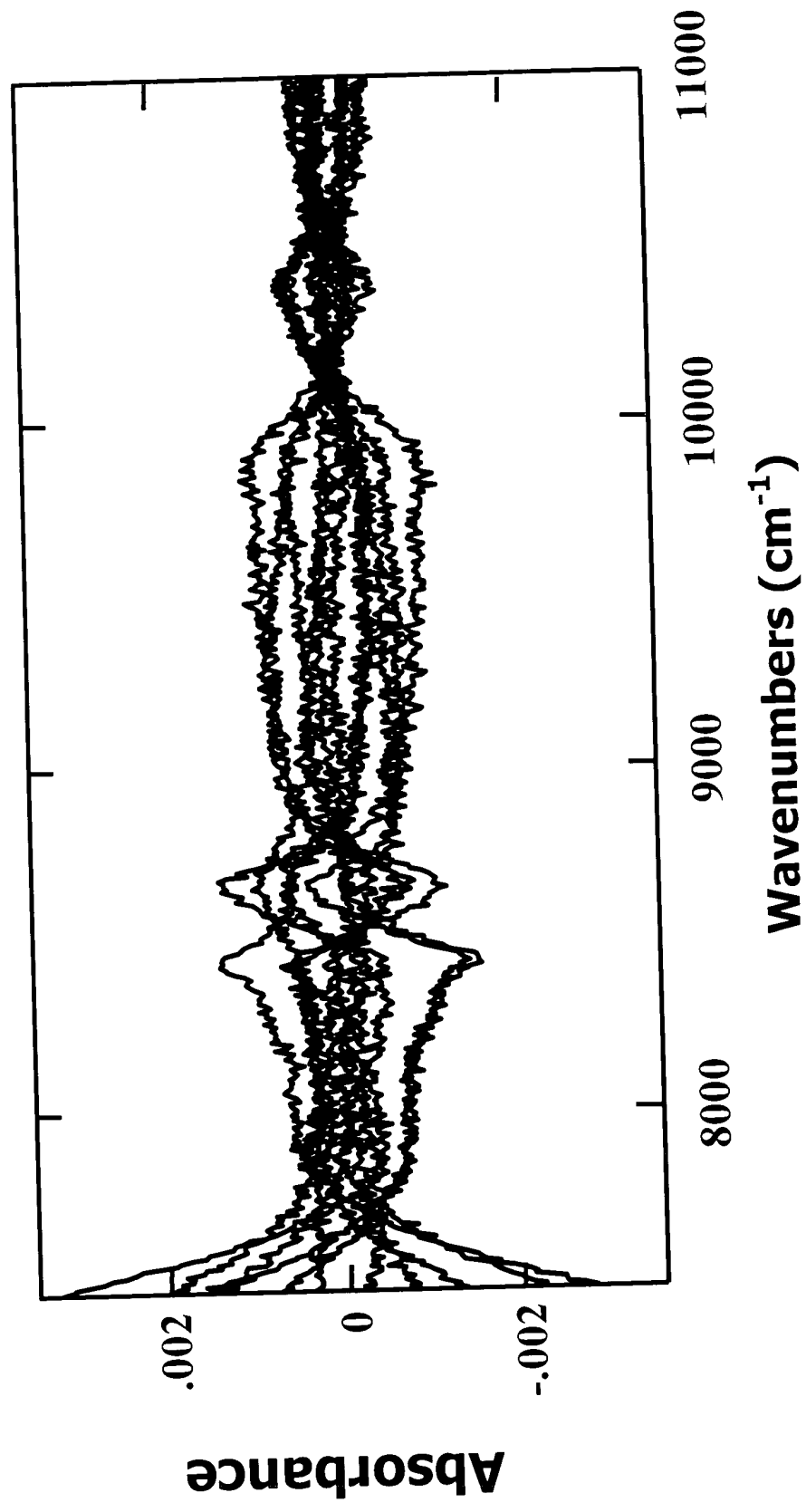


Fig. 6

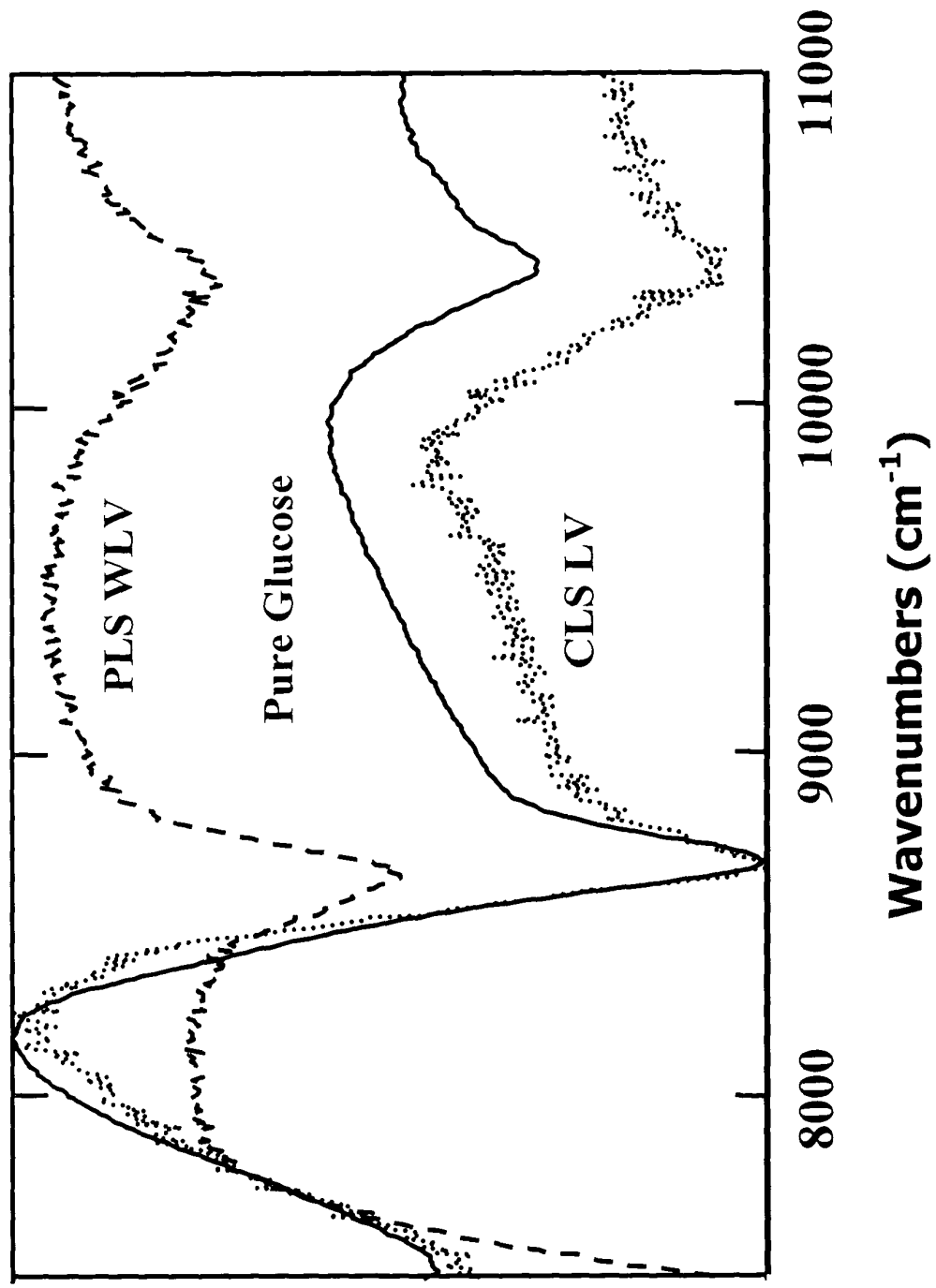


Fig. 7

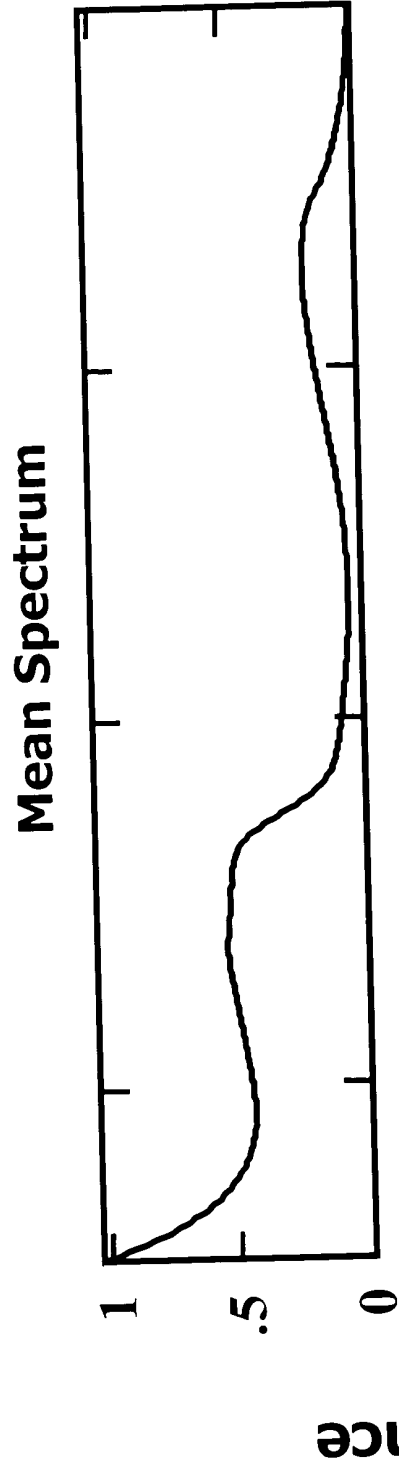


Fig. 8A

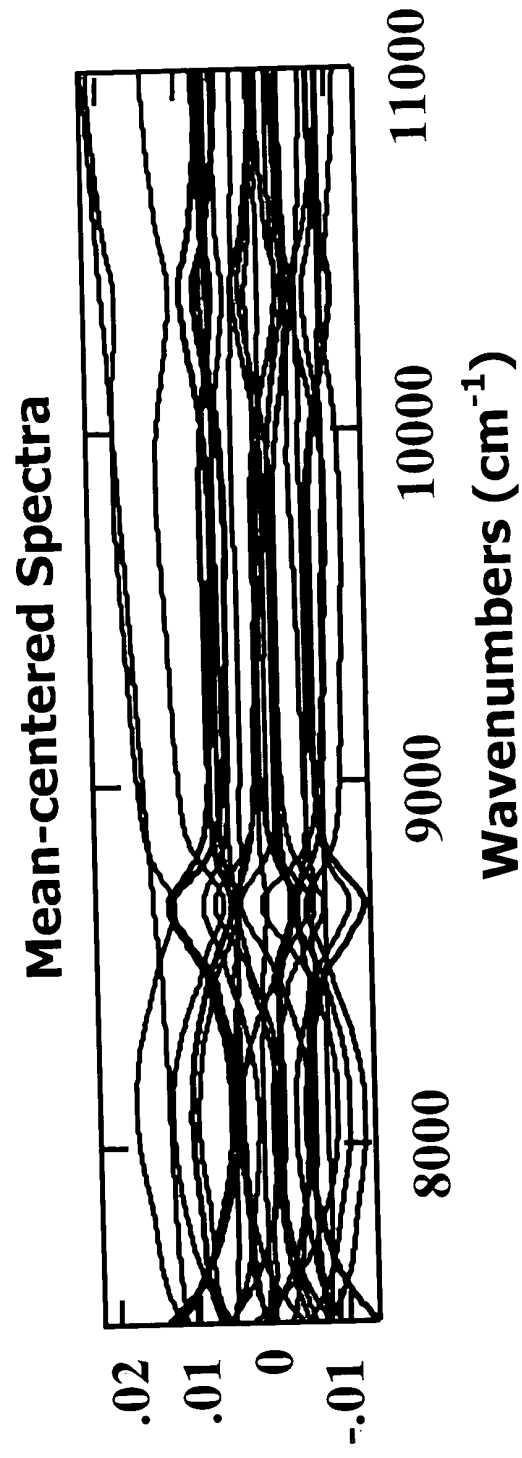


Fig. 8B



Fig. 9A

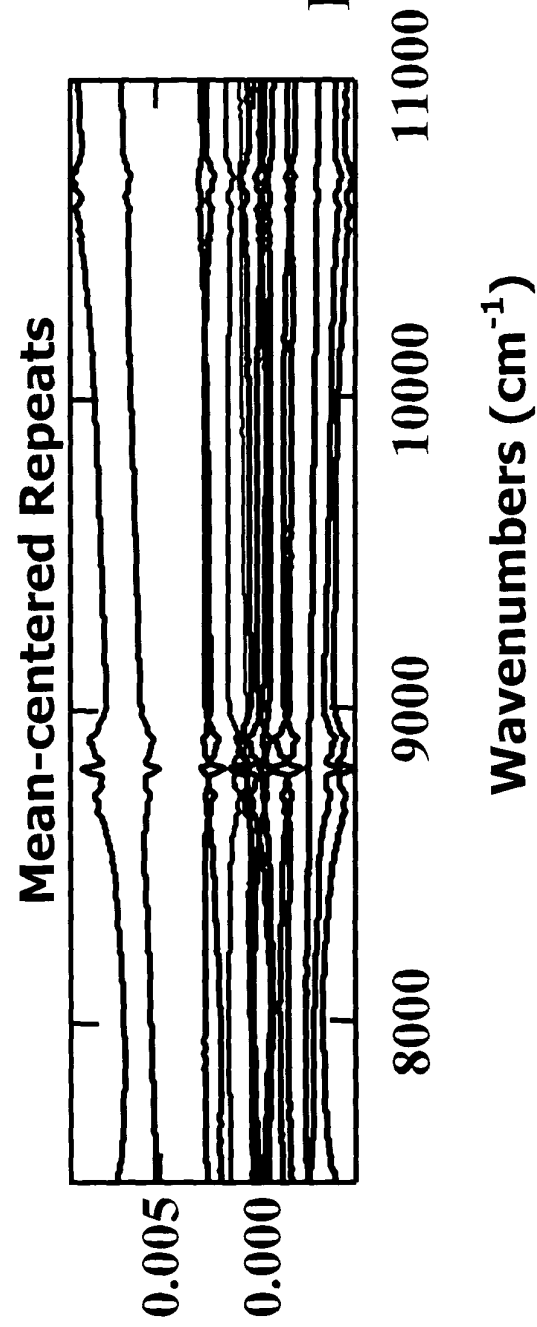


Fig. 9B

Concentration Residuals

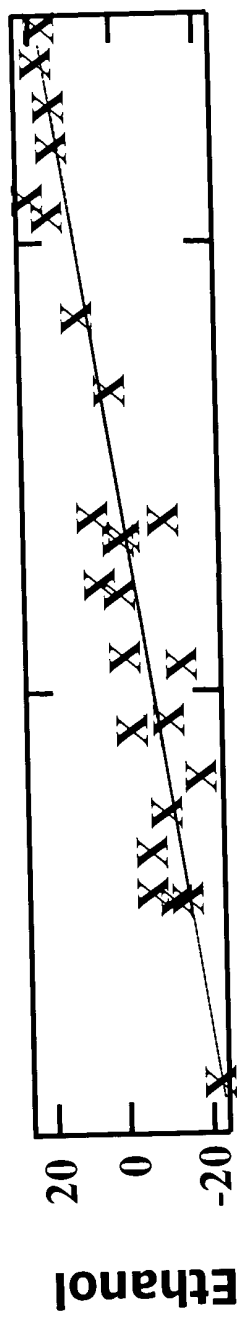


Fig. 10A

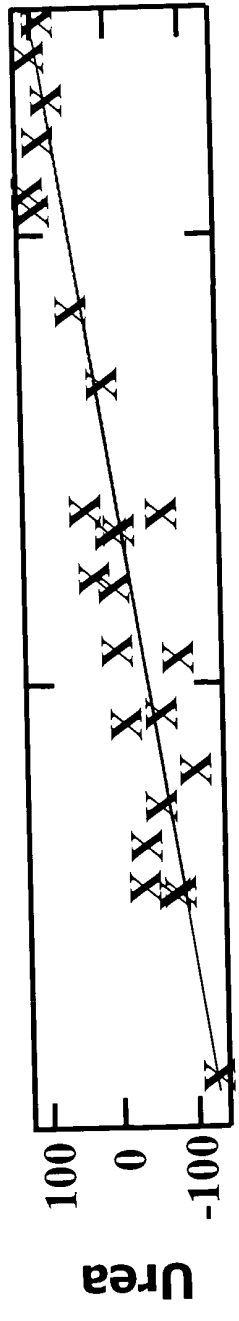


Fig. 10B

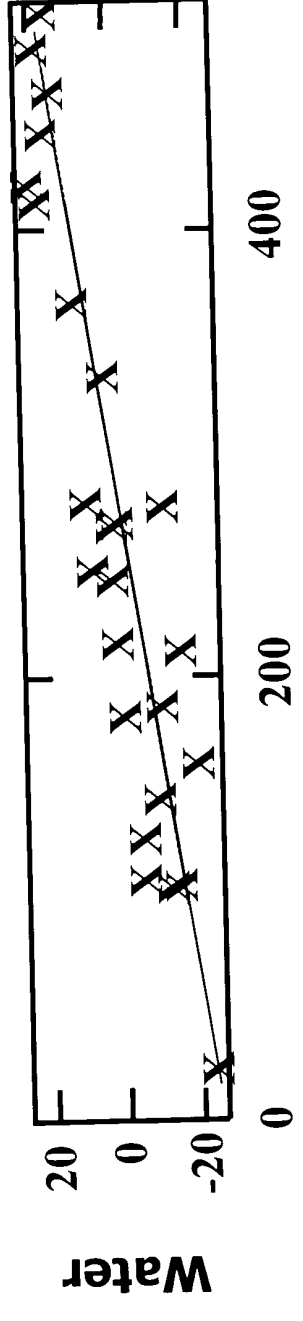


Fig. 10C

Reference Glucose Concentration

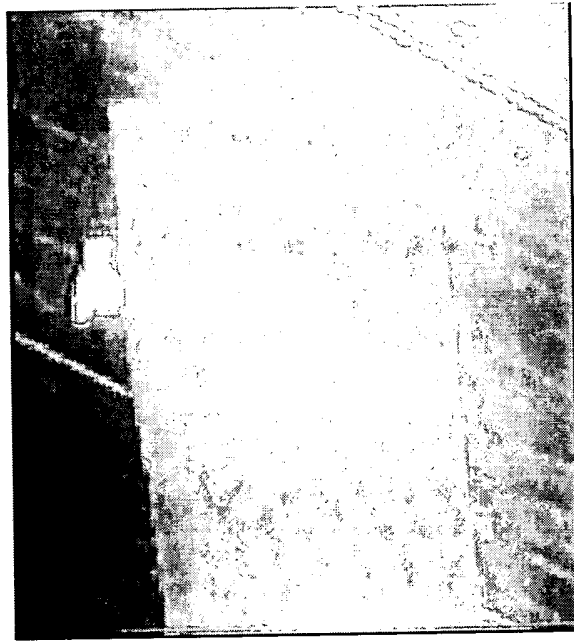


Fig. 12

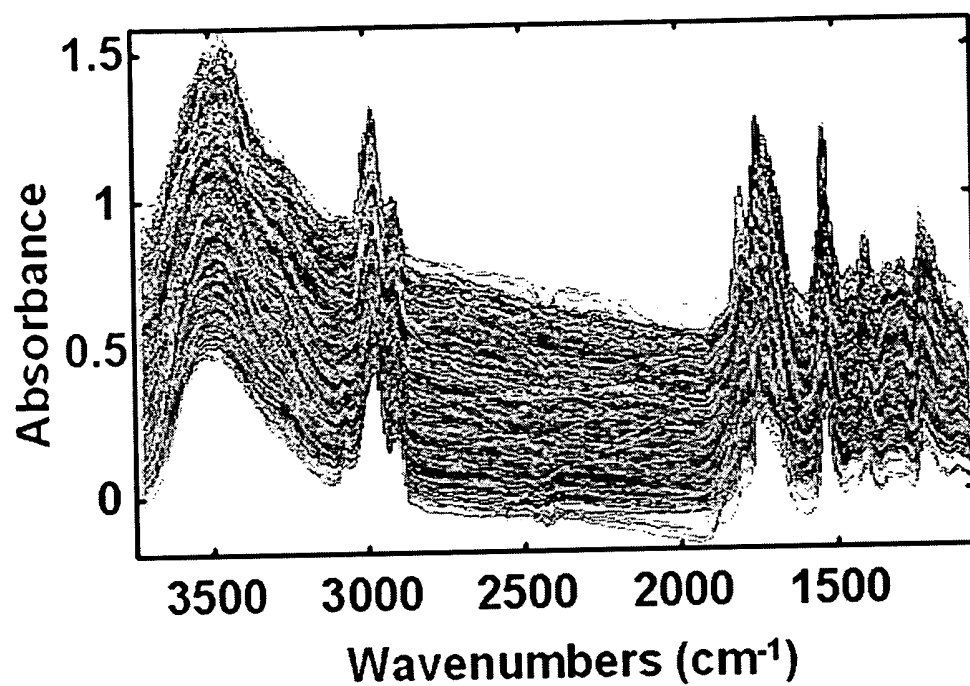


Fig. 13A

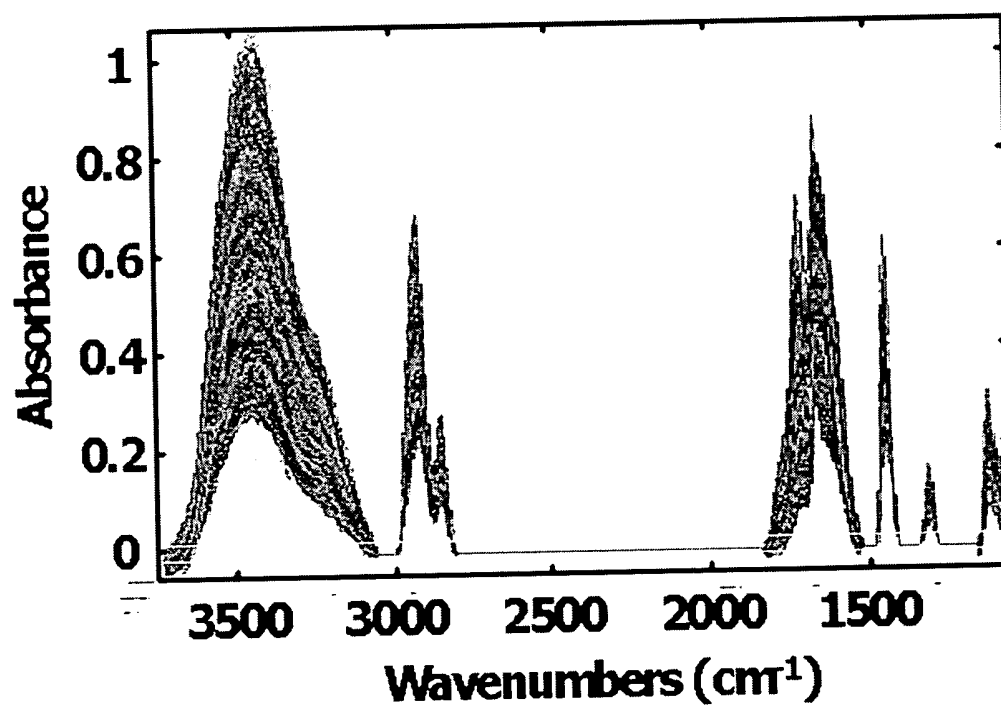


Fig. 13B

Fig. 14A

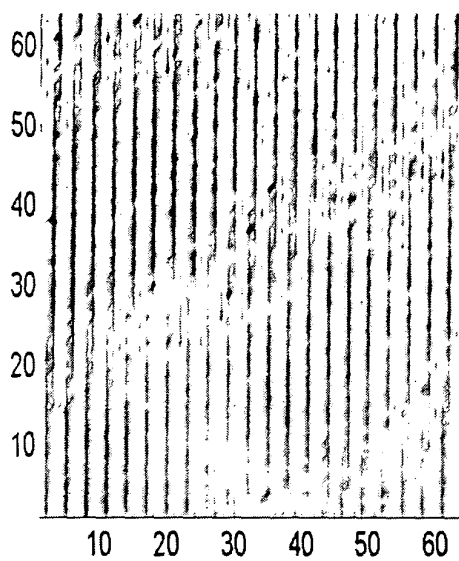


Fig. 14B

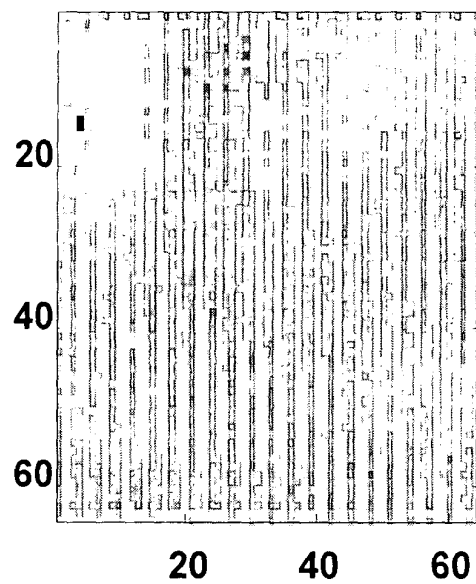


Fig. 14C

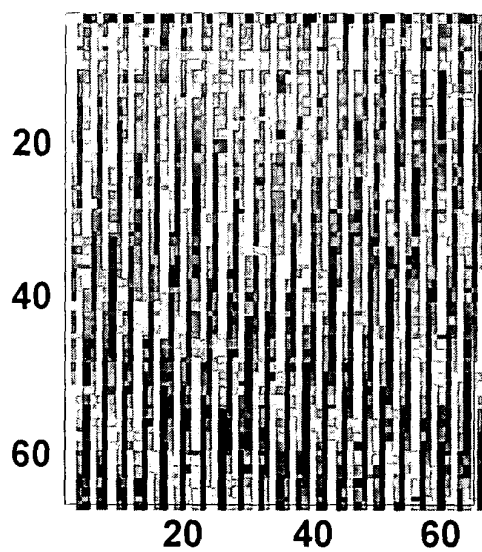


Fig. 14D

